

METHODS AND TRANSGENIC MOUSE MODEL FOR IDENTIFYING  
AND MODULATING FACTORS INVOLVED IN THE PRODUCTION OF  
REACTIVE OXYGEN INTERMEDIATES

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ABSTRACT

The present invention provides a transgenic non-human animal, in particular a transgenic mouse encoding the NOX and Duox family of proteins, which generate reactive oxygen intermediates (ROI). The present 10 invention additionally comprises cells and cell lines containing transgenes encoding for members of the NOX and Duox family of proteins. The present invention further comprises methods and compositions for evaluating regulators of abnormal cell growth and in the development of compounds that effect ROI expression.

15

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